

## WHAT IS CLAIMED IS:

1. A device for preparing a fluid food with a desired consumption temperature on demand, the device comprising:

- (a) at least two water reservoirs, each having a controllable water outlet operable and a thermal sensor for detecting a temperature of water therein;
- (b) at least one container for holding a formula, said container having a controllable dispenser for dispensing said formula; and
- (c) a data processor being operably coupled with each said thermal sensor, for receiving thermal records therefrom and for determining a quantity of water from each of said reservoirs needed to mix with a quantity of said formula in order to achieve the fluid food with the desired consumption temperature; and
- (d) a controller being operably coupled with said data processor, each said controllable outlet and said controllable dispenser for dispensing said quantity of water from each of said water reservoirs and for dispensing said quantity of formula from said container, so as to prepare the fluid food with the desired consumption temperature.

2. The device of claim 1, wherein said data processor and said controller are integrated on a single electronic chip.

3. The device of claim 1, wherein at least one of said reservoirs contains a heater for heating water contained therein.

4. The device of claim 1, wherein each of said reservoirs contains a heater for heating water contained therein.

5. The device of claim 1, wherein at least one of said reservoirs contains a heater for boiling water contained therein.

6. The device of claim 5, wherein said heater is designed to boil the water for a period of at least about 20 seconds.

7. The device of claim 5, wherein said at least one reservoir is sealed such that steam produced by boiling water therein remains captured and reliquifiable upon condensation when cooled.

8. The device of claim 5, wherein said heater is designed to periodically reboil the water at predetermined intervals.

9. The device of claim 8, wherein said heater is designed to operate and boil water in contact therewith about every 1-5 hours.

10. The device of claim 8, wherein said heater is designed to operate and boil water in contact therewith about every 2-4 hours.

11. The device of claim 8, wherein said heater is designed to operate and boil water in contact therewith about every 3 hours.

12. The device of claim 1, wherein each of said reservoirs contains a heater for boiling water contained therein.

13. The device of claim 4, wherein said heaters are synchronized to alternately periodically operate, such that at any given time, one of said reservoirs contains water at a temperature above said desired consumption temperature, and the other reservoir contains water at a temperature below said desired consumption temperature.

14. The device of claim 1, wherein said desired consumption temperature is about 25 to about 35 degrees centigrade, said data processor and said controller being designed and configured for determining said quantity of water from each of said reservoirs needed to mix with said quantity of said formula in order to achieve

the fluid food with a consumption temperature of about 25 to about 35 degrees centigrade.

15. The device of claim 1, further comprising at least one additional container for holding at least one additional ingredient, said at least one additional container having a controllable dispenser for optionally dispensing a quantity of said additional ingredient.

16. The device of claim 15, wherein said additional ingredient is a food supplement.

17. The device of claim 15, wherein said additional ingredient is a medicament.

18. The device of claim 15, wherein said additional ingredient is a flavoring.

19. The device of claim 1, wherein said data processor is operably coupled with a user interface, said user interface being for displaying information related to said fluid food and for accepting input related to said fluid food, such that said controller controls the dispensing of said quantities of water and said quantity of formula according to said input.

20. The device of claim 1, wherein said fluid food is suitable for feeding an infant.

21. The device of claim 1, wherein said fluid food is suitable for a subject in need of liquid feeding.

22. The device of claim 1, wherein said container and said controllable dispenser for dispensing said formula are designed and constructed so as to

substantially avoid dispensing any of said formula such that said controllable water outlet will become contaminated with remnants of said formula.

23. The device of claim 1, wherein said container is designed and constructed for recharging with said formula when depleted.

24. The device of claim 1, wherein said container is prepackaged with said formula and is disposable when depleted.

25. The device of claim 1, wherein said container is designed and constructed to operably accept therein a prepackaged refill containing said formula.

26. The device of claim 1, wherein said data processor communicates with a communication server for communicating data related to said fluid food via a communications network.

27. A method of preparing a fluid food of a desired consumption temperature, comprising using an automated or semi-automated device for dispensing desired quantities of water of a first temperature, water of a second temperature and a formula into a vessel, so as to obtain the fluid food having the desired consumption temperature.

28. The method of claim 27, wherein said automated device comprises
- (a) at least two water reservoirs, each having a controllable water outlet and a thermal sensor for detecting a temperature of water therein;
  - (b) a container for holding a formula, said container having a controllable dispenser for dispensing said formula; and
  - (c) a data processor being operably coupled with each said thermal sensor, for receiving thermal records therefrom and for determining a quantity of water from each of said reservoirs needed to mix with a quantity of said formula in order to achieve the fluid food with the desired consumption temperature; and

- (d) a controller being operably coupled with said data processor, each said controllable outlet and said controllable dispenser for dispensing said quantity of water from each of said water reservoirs and for dispensing said quantity of formula from said container, so as to prepare the fluid food with the desired consumption temperature.
29. The method of claim 28, further comprising heating water contained in at least one of said reservoirs.
30. The method of claim 28, further comprising heating water contained in each of said reservoirs.
31. The method of claim 28, further comprising boiling water contained in at least one of said reservoirs.
32. The method of claim 31, further comprising boiling the water for a period of at least 20 seconds.
33. The method of claim 31, further comprising boiling the water such that steam produced thereby remains captured and reliquifiable upon condensation when cooled.
34. The method of claim 31, further comprising periodically reboiling the water at predetermined intervals.
35. The method of claim 34, further comprising boiling the water about every 1-5 hours.
36. The method of claim 34, further comprising boiling the water about every 2-4 hours.

37. The method of claim 34, further comprising boiling the water about every 3 hours.

38. The method of claim 28, further comprising boiling water contained in each of said reservoirs.

39. The method of claim 30, further comprising alternately periodically heating the water, such that at any given time one of said reservoirs contains water at a temperature above said desired consumption temperature, and the other reservoir contains water at a temperature below said desired consumption temperature.

40. The method of claim 27, further comprising using said automated device for optionally dispensing a desired quantity of at least one additional ingredient, said automated device further comprising at least one additional container for holding said at least one additional ingredient, said additional container having a controllable dispenser for dispensing said additional ingredient.

41. The method of claim 40, wherein said additional ingredient is a food supplement.

42. The method of claim 40, wherein said additional ingredient is a medicament.

43. The method of claim 40, wherein said additional ingredient is a flavoring.

44. The method of claim 28, further comprising providing input to said processor via a user interface operably coupled to said processor such that said automated device dispenses said desired quantities of water and of said formula according to said input.

45. The method of claim 27, wherein said fluid food is suitable for feeding an infant.

46. The method of claim 27, wherein said fluid food is suitable for a subject in need of liquid feeding.

47. The method of claim 28, further comprising dispensing said formula so as to substantially avoid contaminating said controllable water outlet with remnants of said formula.

48. The method of claim 28, further comprising communicating data related to said fluid food via a communications network, said data processor being for communicating with a communication server.

49. A method of selling fluid food comprising:
- a. providing a device of claim 1 in a location;
  - b. identifying said device with a mark, said mark associated with a formula manufacturer;
  - c. introducing in dispensers of said device a formula associated with said formula manufacturer; and
  - d. providing a customer with fluid food made by said device.

50. The method of claim 49 wherein said location is a publicly accessible location.

51. The method of claim 49 wherein said providing a customer with fluid food is contingent on payment.